

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|----------|---|---|------------------|---------|------------------|
| S1 | 48 | qtree | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 14:54 |
| S2 | 141 | PCPI (persistent adj consistency adj point adj image) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 14:54 |
| S4 | 28 | S1 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 15:01 |
| S5 | 1301 | (714/15,19,20,21).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/12 15:32 |
| S6 | 25154905 | @ad<="20031223" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 15:07 |
| S7 | 1236 | S6 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 15:08 |
| S8 | 0 | S7 and S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 15:08 |
| S9 | 0 | S7 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 15:08 |

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| S10 | 20122 | (714/1-57).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/12 15:08 |
| S11 | 1 | S1 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 15:09 |
| S12 | 3 | S2 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 15:15 |
| S13 | 1 | ("7111191").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/12 15:15 |
| S14 | 2 | ("6988220").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/12 15:16 |
| S15 | 2542 | (714/6,715,19,20,21).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/12 15:32 |
| S16 | 2259 | S15 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 15:32 |
| S17 | 1 | S16 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 15:33 |

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| S18 | 25154905 | @ad<="20031223" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:40 |
| S19 | 2542 | (714/6,715,19,20,21).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/12 16:40 |
| S20 | 2259 | S19 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:40 |
| S21 | 48 | qtree | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:40 |
| S22 | 0 | S20 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:40 |
| S23 | 16976 | snapshot | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:40 |
| S24 | 5467 | roll\$back | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:41 |
| S25 | 179 | S20 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:41 |

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|-----|-----|---|---|----|----|------------------|
| S26 | 101 | S20 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:41 |
| S27 | 25 | S25 and S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/12 16:41 |
| S28 | 25 | (US-20060179261-\$ or US-20050097260-\$ or US-20030195903-\$ or US-20030182389-\$ or US-20030182330-\$ or US-20030182325-\$ or US-20030182322-\$ or US-20030182313-\$ or US-20030182312-\$ or US-20030182301-\$ or US-20020194529-\$ or US-20030088807-\$).did. or (US-7043485-\$ or US-7039663-\$ or US-7010553-\$ or US-7007046-\$ or US-6993539-\$ or US-6895413-\$ or US-7103796-\$ or US-7065540-\$ or US-6957362-\$ or US-6771843-\$ or US-6543006-\$ or US-6496944-\$ or US-5151987-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/09/13 12:53 |
| S29 | 17 | S28 and (PCPI with snapshot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/13 13:12 |
| S30 | 0 | "10777980" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/13 13:13 |
| S31 | 15 | "777980" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/13 13:13 |

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|-----|------|-----------------------|---|----|-----|------------------|
| S32 | 6 | (svarcas).inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/13 13:14 |
| S33 | 0 | (manley-stephen).inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/13 13:15 |
| S34 | 1651 | (manley).inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/13 13:15 |
| S35 | 12 | S34 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/13 13:17 |
| S36 | 2 | ("5819292").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/13 13:17 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 0 | (rollback and PCPI and coalesced). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 11:16 |



snapshot coalesced rollback

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Peabody: the time travelling disk - group of 7 »

CB Morrey III, D Grunwald - Mass Storage Systems and Technologies, 2003.(MSST 2003). ..., 2003 - [ieeexplore.ieee.org](#)

... undo", (ie the ability to **roll back** an operation ... Our prototype implementation of **rollback** and recovery uses a ... which are available to be **coalesced** are those ...

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A Snapshot Utility for a Distributed Object-Oriented Database System - group of 4 »

CH Moh - [pmg.lcs.mit.edu](#)

... variable, which contains the timestamp of the latest **snapshot** that it discarded from the **snapshot** list when the list was truncated. A **snap- shot** is propagated ...

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Evaluation of Relational Algebras Incorporating the Time Dimension in Databases - group of 3 »

RT SNODGRASS - ACM Computing Surveys, 1991 - [portal.acm.org](#)

... homogeneity, query optimization, **snapshot** relation, transaction time, valid time INTRODUCTION time. ... Figure 1. **Snapshot** relation example. ...

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Extensions to SQL for historical databases - group of 7 »

NL Sarda - Knowledge and Data Engineering, IEEE Transactions on, 1990 - [ieeexplore.ieee.org](#)

... defined four types of databases depending on which time measures are sup- ported by a DBMS: **snapshot** (conventional database without time), **rollback** (with only ...

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Checkpointing and its applications - group of 8 »

YM Wang, Y Huang, KP Vo, PY Chung, C Kintala - Proceedings of the Twenty Fifth International Symposium on ..., 1995 - [doi.ieeecomputersociety.org](#)

... no longer be achieved with a single **snapshot**, and lazy ... f open () so that at the time of **rollback** fi leapp ... blocks of 32 bytes are not **coalesced**, and therefore ...

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A complete temporal relational algebra - group of 3 »

D Dey, TM Barron, VC Storey - The VLDB Journal The International Journal on Very Large ..., 1996 - Springer

... or adjacent time intervals must be **coalesced** into a ... It should be noted that the **snapshot** algebra (ie ... of set theory, and reduces to the **snap- shot** algebra when ...

[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

[PS] in Proc. IEEE Fault-Tolerant Computing Symp.(FTCS-25), pp. 22-31, June 1995. - group of 2 »

YM Wang, Y Huang, KP Vo, PY Chung, C Kintala - [telcom.semyung.ac.kr](#)

... longer be achieved with a single **snapshot**, and lazy ... 4); fclose(fp); /* failure occurs, **roll back** */ unlink("fileapp ... the need of correct **rollback** of persistent ...

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The temporal query language TQuel - group of 9 »

R Snodgrass - ACM Transactions on Database Systems (TODS), 1987 - portal.acm.org

... A temporal query language supports both **rollback** and historical ... Tuples are assumed to be **coalesced**, in that tuples ... tem- poral relation in a **snapshot** one, users ...

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Checkpointing and its applications

TOC View - Fault-Tolerant Computing, 1995. FTCS-25. Digest of Papers., ..., 1995 - ieeexplore.ieee.org

... longer be achieved with a single **snapshot**, and lazy ... The func- tion **rollback** K i)

rolls back the ... fclose(fp); l" failure occurs, **roll back** */ unlink("fileapp ...

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[PS] Mapping TOQL to Temporal Extensions of ODMG Object Model - group of 2 »

C Vassilakis, A Sotiropoulou - cgi.di.uoa.gr

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